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8. (Amended) A method for detecting malignant tumors, which method comprises administering a tumor detecting effective amount to a host in need of tumor detection of a compound or derivative thereof in which at least one carbon atom of 5-aminolevulinic acid is a carbon isotope and/or a nitrogen atom in its amino group is a nitrogen isotope, and where said derivative is an ester, amide, salt, hydrate or solvate of said compound and detecting the malignant tumors using NMR.

9. (Amended) The method of claim 8 wherein said compound is used in combination with a diagnostically acceptable carrier.

10. (Amended) A method for photokinetically treating malignant tumors, which method comprises administering a tumor detecting effective amount, to a host in need of tumor detection of a malignant tumor, of a compound or derivative thereof in which at least one carbon atom of 5-aminolevulinic acid is a carbon isotope and/or a nitrogen atom in its amino group is a nitrogen isotope, and where said derivative is an ester, amide, salt, hydrate or solvate of said compound; detecting the malignant tumors using NMR; and selectively killing the malignant tumors.

11. (Amended) The method of claim 10 wherein said compound is used in combination with a diagnostically acceptable carrier.